

Day-1, Day & Date : Friday, 22nd Aug. 2025 : Session 01			
Tracks	Paper Id	Paper Title	Location
Track 09: Cognitive Computing and Machine Learning	121	Advanced Hybrid Graph Neural Networks Robust Code Plagiarism Detection: A Comparative Analysis of Data-Driven Techni	Building No.6, 2 nd Floor, 6201Classroom
	47	Integrating AI in Management Education: Applications & Challenges	
	563	CareerQuest – A Comprehensive Career Guidance using Machine Learning and Natural Language Processing Techniques	
	32	Automated Sentiment Lexicon by knowledge-based BiLSTM with Bat Harris Optimization Classifier	
	309	IamReadyAI: An AI-Powered Mock Interview Platform for Effective Candidate Preparation	
	558	Glaucoma Classification Using Machine Learning	
Track 09: Cognitive Computing and Machine Learning	932	Automated Bus Scheduling and Route Management	Building No.6, 2 nd Floor, 6202Classroom
	776	MULTIMODAL DISEASE DETECTION MEDBOT	
	853	Robust Named Entity Recognition in Hinglish Code-Mixed Text using Ensemble of Pre-trained Transformers	
	1136	Employee Activity Recognition by using deep learning based on WiFi CSI Model	
	486	Randomized Automated Timetable Scheduling System	
	286	Rag-based Agentic chatbot System for Mental Health severity detection & enhancement	
Track 09: Cognitive Computing and Machine Learning	1057	AI-Powered Art Critique: Aesthetic and Emotional Feature Extraction and Classification	Building No.6, 2 nd Floor, 6204Classroom
	1070	An NLP Pipeline Integrating Zero-Shot Emotion Detection and Semantic Similarity for Bhagavad Gita-Based Scriptural Guidar	
	419	Crop Water Demand Prediction for Agriculture Using Machine Learning: A Comparative Study	
	839	Precise blood cancer detection using GANs and cross-modality data integration for optimal diagnostics	
	763	Harmonizing Hindi Horizons: Assessing Transformer Variants for News Translation and Abstraction	
	1109	Edge-Enabled Deep Learning Architecture for Traffic Sign Recognition and Driver Behavior Analysis	
Track 09: Cognitive Computing and Machine Learning	636	Video Enhancement Using a Hybrid Deep Learning and Reinforcement Learning Approach	Building No.6, 2 nd Floor, 6205Classroom
	1102	Machine Learning-Enhanced Smart Anomaly Detection for Digital Water Level Recorder	
	168	Designing a Collaborative Learning Scheme for Non-Co-Located Data Sets to Address Healthcare Data Governance	
	1129	AI-Powered Satellite Images Enhancement	
	552	Job Candidate Suitability Score Using LLMs	
	565	Towards Ethical AI: Bias Detection and Mitigation in AI Models for Recruitment Systems and Criminal Justice Systems	
Track 09: Cognitive Computing and Machine Learning	536	Deepfake Detection Using Deep Learning	Building No.6, 3 rd Floor, 6301Classroom
	109	Brain Stroke Prediction and Assistance Using Machine Learning	
	1087	Bias mitigation in NLP models using BERT	
	1088	SMART EPILEPSY MONITORING SYSTEM USING IOT SENSORS AND ML ALGORITHMS	
	1103	AI-Powered Legal Document Analyzer Using Mistral -7B and Gradio Interface	
	621	Attention Enhanced Speaker representation with Contrastive Learning	
Track 09: Cognitive Computing and Machine Learning	693	Twin Pipeline: AI Sibling of CUCD	Building No.6, 3 rd Floor, 6310Classroom
	593	Explainable Ensemble Learning Framework for Soybean Yield Prediction: A Data-Driven Approach for Agricultural Resilienc	
	955	Dynamic Price Prediction of Pre-owned Vehicles using Machine Learning	
	259	CYCLONE INTENSITY AND TRAJECTORY PREDICTION USING CNN.	
	722	ScholarMatch: AI-Powered Hybrid Platform with Real Time Data Integration	
	926	Diagnosing Prostate cancer by Random Forest algorithm along with Non-Radiological data	
Track 02:Robotics, Control, and Automation	717	TrafficSense AI – Intelligent Traffic Control using IoT and ML	Building No.6, 3 rd Floor, 6302Classroom
	120	Design and development of an IoT based Pipe Inspection Robot for Efficient Identification of faults, defects & cracks in Intern	
	458	Enhancing Security in Smart Home Automation Systems	
	1006	Vision-Based Safety Monitoring at Construction Sites Using YOLOv8 and Human Pose Estimation	
	166	Design and Development of Temperature and Humidity Controller for NICU Incubator	
	1183	Enhanced Battery Management System for Formula SAE EV&CTMs to improve Performance and Reliability	
Track 03: Electronics and Communication Systems	1205	Edge-Based Audio Emotion Detection Using STM32 and NanoEdge AI	Building No.6, 3 rd Floor, 6304Classroom
	1193	Comparative Analysis of Different Circular Patch Microstrip Antennas for Metal-alloy Surface Crack Detection	
	746	Intelligent accident detection and prevention with geofencing alerts	
	647	Real-Time Notification System for Enhanced Emergency Response and Road Safety	
	594	Enhancement in Performance of Embedded Linux through study of Memory Management algorithms of Swapping	
	79	Deep Learning-Based Adaptive Base Station Switching for Energy-Efficient Mobile Networks	
Track 05: VLSI & Embedded Systems	731	AI And IOT for Smarter Energy Use in Modern Buildings	Building No.6, 3 rd Floor, 6305 Classroom
	381	Machine Learning-Driven Prediction of Ship Maneuvering Dynamics Using Gaussian Process Regression	
	535	Secure and Efficient Bus Ticketing System	
	620	FSM based Built-in Self-Test Implementation for Fault Detection in RISC-V Processors	
	915	Impact of Biasing Techniques on Amplifier Parameters for 40.68 MHz ISM Band Applications	
	49	High Precision Stepper Motor and DC Motor Controller Implementation on FPGA	
Track 11: Quantum Computing	1209	Graph Coloring Approximation in Quantum Computing: Performance Bounds and Complexity Thresholds	
Track 1: Signal and Image Processing	704	High-Speed Custom Convolutional Neural Network for Real-Time Solar PV Fault Detection	Building No.6, 3rd Floor, 6309 Classroom
	695	Prediction of Chronic Kidney Disease Based on Machine Learning with Personalized Dietary Suggestions	
	1014	DFUGCN: Image Classifying Technique for Localizing of Diabetic Foot Ulcers	
	684	Fusion of CT and MRI Images using VGG-19 with Preprocessing and Edge Enhancement	
	512	Automated Access Control Mechanism for Industrial Floor Entry Using Face Recognition	
	1119	Image Enhancement using CLAHE and CNN for Underwater Lighting Effects.	

Day-1, Day & Date : Friday, 22nd Aug. 2025 : Session 02			
Track 09 : Cognitive Computing and Machine Learning	905	Gradient Free Neural Architecture Search for Pneumonia Detection Using Genetic Algorithms and Q-Learning	Building No.6, 2 nd Floor, 6201Classroom
	1018	Enhancing Drowsiness Detection: An Ensemble Machine Learning Approach to EEG-Based Sleep Classification	
	1031	ArguBuddy â€“ Personalized AI Debater	
	835	Convolutional-Recurrent Neural Networks For Visual Speech Recognition: An End-to-End Lip-Reading System	
	321	Adaptive Real-Time Context-Aware Cyberbullying Detection and Intervention Framework	
	886	Decentralized Agentic AI Security Framework Using Blockchain And Reinforcement Learning With Explainable AI	
Track 09 : Cognitive Computing and Machine Learning	300	AI-Enhanced Project Management	Building No.6, 2 nd Floor, 6202Classroom
	414	Smart Email for the Visually Impaired: A Voice-Enabled Approach to Digital Inclusion	
	938	Automated Vaccination Reminder and Tracking System in Rural Areas	
	231	SARATHI: AI - POWERED INTELLIGENT NAVIGATION ANDROID APPLICATION AND SYSTEM FOR VISUALLY	
	329	Design and Development of a Wearable Device for Real-Time Carbohydrate Intake Monitoring using Machine Learning	
	162	Phonetic and Transliteration Based Name Matching System, Using Fuzzy Algorithm and Machine Learning for Police Database	
443	AI-Based Real-Time Feedback System for Assignments Using Generative AI for Auto Quiz Generation		
Track 09 : Cognitive Computing and Machine Learning	468	AI-Assisted Missing Person Identification	Building No.6, 2 nd Floor, 6204Classroom
	150	Enhancing Dermatological Diagnosis with Few-Shot Learning	
	1003	Smart Nutrition Analysis: AI-Based Food Quality Assessment	
	304	Face Liveness Detection and Facial Recognition	
	75	Post Partum Hemorrhage Detection Methods: an Extensive Literature Review	
	759	Women Safety Analytics: Protecting Women From Threats	
842	Federated Learning for Secure and Collaborative Medical Diagnosis		
Track 09 : Cognitive Computing and Machine Learning	73	Enhanced Melanoma Skin Cancer Detection through Ensemble of Thepade's SBTC and GLCM Features Using Machine Learning	Building No.6, 2 nd Floor, 6205Classroom
	185	A Novel Voice-Processing Method Leveraging Polyphonic Audio for Instrument Recognition using Machine Learning	
	240	Cosmetics and Skincare Recommendation Based on Skin Characteristics using Machine Learning Techniques	
	1090	AyurMi: A Synergistic Approach to Mental Wellness through AI and Ayurvedic Mindfulness	
	193	Data-Driven Carbon Footprint Estimation in Software Systems Using AI and Deep Learning	
	232	Admission Enquiry Chatbot	
547	Modeling And Forecasting River Flood Inundation Using Machine Learning		
Track 09 : Cognitive Computing and Machine Learning	94	Enhancing Learning with Retrieval Augmented Generation	Building No.6, 3 rd Floor, 6301Classroom
	546	Towards Privacy-Preserving AI: Exploring Federated Learning Framework and Datasets	
	542	Advancements in Sentiment Analysis of Code-Mixed Text: A Survey of Multilingual Models and Emerging Innovations	
	1112	Multi-class Prediction and Anomaly Detection for Breast Cancer using Machine Learning-Data Mining Approach	
	1212	UAV Network Performance Optimization Using Data Analytics and Visualization	
	1221	Comparative analysis on SVM, KNN, and CNN for handwritten recognition of distorted letters and digits	
Track 02: Robotics, Control, and Automation	438	Dynamic Traffic Signal Control for Intelligent Cross-Junction Traffic Management	Building No.6, 3 rd Floor, 6302Classroom
	1030	Enhancing Home Appliance Control with Bluetooth, ESP32, and Relay Integration	
	1091	Affordable and Compact CNC Machine for Small-Scale Fabrication	
	979	Real-Time Defect Detection in Manufacturing of Ball Bearing Using YOLOv8 Model	
	1009	Defense-Focused Autonomous Unmanned Aerial Vehicle System Using Ensemble Model of ResNetV8 and ResDQN	
	1172	Two-time scale based sliding mode controller for active suspension systems to improve ride comfort	
711	Brain-Computer Interfaces for Motor Activity and Rehabilitation		
Track 04 : Power Systems and Renewable Energy	1187	Blockchain for Decentralized Energy Routing in Energy Internet (EI)	Building No.6, 3 rd Floor, 6304Classroom
	137	DNA Computing: A Sustainable Alternative for Solving NP Problems	
	326	Optimization of Renewable Energy Integration in Smart Grids Using AI-Based Forecasting and Load Balancing Techniques	
538	Development of Dual Input DC-DC Boost Converter for DC Micro-grid Applications		
Track 12 : Business Ecosystem for Smart City	500	MyTravelQuery: Social Media Platform for Travelers	
	1222	CNN-Driven Smart System for Automated Plant Disease Detection and Classification	
Track 01 : Signal and Image Processing	217	Disordered Speech Recognition (Misarticulation) using Similarity Algorithms	Building No.6, 3 rd Floor, 6305Classroom
	490	An Automated Realtime Image Driven Quality Control : A vision based Solution for Industrial Object Classification	
	1069	CORDIC-Driven Windowed SDFT for High-Resolution CW Doppler Ultrasound Spectrum Estimation	
	277	Significance of Medical Image Restoration and their Challenges: A Comprehensive Survey	
	633	Plant Disease Recognition Using Deep Learning Technique	
Track 01 : Signal and Image Processing	702	Automated PCB Defect Detection and Quality Assurance System using Image Processing	Building No.6, 3 rd Floor, 6309Classroom
	745	Model Based Simulation and Analysis of Multiple Faults in Induction Motor	
	353	Facial Emotion Prediction Using Deep Learning Algorithm	
	292	Color-Based Segmentation of Breast Thermograms for Detecting Abnormalities Using Fuzzy C Means(FCM)	
	826	Real-Time Human Fall Detection through Motion Tracking and Shape Recognition	
	308	Real-Time Hand Gesture Recognition Using CNN-LSTM for Gesture-to-Voice and Device Control	
Track 01 : Signal and Image Processing	698	Multimodal Sentiment Analysis Using Deep Learning And Attentive Mechanism	Building No.6, 3rd Floor, 6310Classroom
	715	Emergency Rescue System for CAD Heart Disease	
	239	Speech-Based Dementia Detection using eGeMAPS Features for Accurate and Explainable Diagnosis	
	801	Enhancing Performance of Convolutional Neural Network using Data Augmentation for Alzheimer's Disease Classification	
	530	POA-GAN: A Phoenix Optimization-Driven Generative Adversarial Framework for Enhanced Dysarthric Speech Recognition	

Day-2, Day & Date : Saturday, 23rd Aug. 2025 : Session : 03			
Tracks	Paper Id	Paper Title	Location
Track 06: Data Science and Big Data Analytics	174	A Machine Learning Framework for Robust Human Activity Recognition	Building No.6, 2 nd Floor, 6201Classroom
	1075	Aspect Based Sentiment Analysis by Leveraging Machine Learning for Multilingual Sentiment Data	
	873	Optimization of Limitations and Reduction of Hallucination in LLM using RAG: A PerformanceDriven Framework	
	770	Improving Breast Cancer Detection Using Hybrid Deep Learning and Handcrafted Features	
	699	Indian Judgement Prediction Assistant: A LLM based AI Approach	
	626	A Unified Distributed Version Control System for SQL and Graph databases	
Track 06: Data Science and Big Data Analytics	817	Enhanced Information Retrieval Through Query Expansion: A Comparative Analysis of Techniques Using TF-IDF	Building No.6, 2 nd Floor, 6202Classroom
	1078	Integrating Weather Data to Improve House Price Prediction Accuracy of Machine Learning Models: Evidence and Implications	
	1105	Real-Time American Sign Language Recognition: A Comparative Study of Machine Learning and Deep Learning Approaches	
	58	Medical Drug Recommendation System Using Hybrid Attention Based Bi-GRU and Bi-LSTM	
	391	Multimodal Audio Censoring using Deep Learning and Natural Language Processing	
	392	Optimal Portfolio Prediction Using Advanced Deep Learning and Monte Carlo Simulation Techniques	
Track 06: Data Science and Big Data Analytics	1141	Plant Disease Detection System Using Convolutional Neural Networks: A Comprehensive Approach with Real-Time Deployment	Building No.6, 2 nd Floor, 6204Classroom
	1025	Decoding Flipkart-Walmart Merger: An Empirical Analysis of News using Theme Extraction, Sentiment Mining, for Indian M&A Insights	
	576	An Ensemble Approach using RNN, LSTM, BiLSTM and DistilBERT for Sarcasm Detection in News Headlines	
	990	Nutritionist GenAI Site: Personalised Dietary Recommendations	
	1114	Benchmarking Modern Deep Learning Architectures for Scalable and Accurate Plant Disease Detection	
	642	Analyzing Skin Cancer Datasets for Early Detection Using Deep Learning	
Track 06: Data Science and Big Data Analytics	716	Fake News Detection And Summarizing True News Using NLP based Transformers	Building No.6, 2 nd Floor, 6205Classroom
	764	Contextual Filler Word Detection Using BERT and Prosodic Features for Real-Time Speech Fluency Enhancement	
	896	Predictive Analysis of Stock market data using SVM-BAT Algorithm	
	610	AUTOMATED DIGITAL FIRST AID KIT FOR HEART ATTACK PATIENTS AND PREDICTION OF HEART HEALTH USING MACHINE LEARNING	
	35	Text to Image Synthesis using StackGAN	
	830	Classification of Lung Diseases from Respiratory Acoustic Sounds	
Track 06: Data Science and Big Data Analytics	874	Energy Conservation in Railway Tunnels	Building No.6, 3 rd Floor, 6201Classroom
	525	Predict, Prevent, Personalize: A Machine Learning Approach to Heart Attack Risk and Dietary Planning	
	914	Flood Prediction in Kerala Using Machine Learning: A Comparative Analysis	
	958	https://docs.google.com/forms/d/e/1FAIpQLSKa8A3NikONPBO10n0tBtZ/BIDzW8hV6FKRlPEPAsprA/alreadyresponded	
	1213	Analyzing HDFS High Availability Mechanisms and Identifying Critical Failures Including Dual NameNode and JournalNode Loss	
	142	Analysis and Prediction of Women's Dress Categories from Fashion Trends	
Track 10 : Information, Cyber and Network, Security	358	Skin Cancer Detection Using Deep Learning Models and Grad-CAM XAI	Building No.6, 3 rd Floor, 6202Classroom
	767	AI-Powered Assistive App for the Visually Impaired: Vocal Eyes	
	1098	UEBA-Integrated Intelligent Hybrid AI-based Intrusion Detection System	
	774	Deepfakes And Deception: The Role of Artificial Intelligence Manipulated Media in Social Engineering and Cyber Scams	
	463	Blockchain-Powered Social Media: A Model for Privacy, Transparency, and Freedom of Expression	
	33	Bridging Language Gaps: A Study on Real-Time Translation	
Track 10 : Information, Cyber and Network, Security	632	Adaptive Intrusion Detection Using Prototypical Networks and Statistical Outlier Detection	Building No.6, 3 rd Floor, 6304Classroom
	1062	Performance Analysis of Post-Quantum Cryptographic Algorithms in Software-Defined Networks	
	586	AI-Powered System Cybersecurity Operations and Incident Response	
	1113	Secure and Transparent UPI Transaction Management Using Hyperledger Fabric	
	841	Blockchain based Healthcare System with Appointment Management	
	529	Enhancing the Security of IoT Wireless Sensors with Strong Three-factor User Authentication	
Track 10 : Information, Cyber and Network, Security	1099	Intelligent Cybersecurity for IoT: AI and Big Data in Threat Mitigation	Building No.6, 3 rd Floor, 6305Classroom
	1191	An Accessibility-First Framework for Enhancing Web Experiences of People with Disabilities	
	171	Multimodal Biometric Authentication System	
	560	Pioneering DNA-Based Systems: Novel Encoding and Security for Computing and Storage	
	492	Load Balancing Strategies in Multi-Cloud Environments: Security and Network Considerations	
	657	MedSecureChain: A Blockchain-Based Framework for Privacy-Preserving Medical Data Sharing and Decentralized Personal Health Records	
Track 10 : Information, Cyber and Network, Security	1145	From Detection To Defense: A Review of Cyber Threat Intelligence Integration In Cloud Systems	Building No.6, 3 rd Floor, 6309Classroom
	212	GPS Spoofing and Jamming in Drones: A Growing Threat to UAV Security	
	640	A Privacy-Preserving and Efficient Blockchain Framework for Smart Cities	
	1054	Explainable AI for Credit Card Fraud Detection Using a Novel Feature-Rich Dataset	
	115	Advanced Persistent Threat (APT) Detection in Linux Systems using Machine Learning on the Enhanced DAPT 2020 Dataset	
	773	Hybrid Model using RSA-KEM and Ethereum for Online Vote Casting	
Track 10 : Information, Cyber and Network, Security	891	CryptoMap AI :- An AI Powered Solution for Mapping Cryptocurrency Transactions to their Final Destinations	Building No.6, 3 rd Floor, 6310Classroom
	661	Smart Blood Bank Management: Leveraging Blockchain for Real-Time Tracking and Fraud Prevention	
	688	Enhancing IoT Device Security Using Zero-Knowledge Proofs: A Privacy-Preserving Authentication Approach	
	641	Decentralized Access Control and Continuous Monitoring in Healthcare Facilities: A Privacy-Preserving Framework Integrating Zero-Knowledge Proofs, Biometric Authentication, and Blockchain	
	666	Securing the Chain: Machine Learning Powered Defense Against Blockchain Cyberattacks	
	1215	Securing Cloud Based Transmission Through Integration of Cryptographic Method	

Day-2, Day & Date : Saturday, 23rd Aug. 2025 : Session : 04			
Track 07 : Internet of Things and Computer Networks	1083	ederated Contrastive Graph Transformer Framework for Scalable and Privacy-Preserving Anomaly Detection in Industrial IoT Networks	Building No.6, 2nd Floor, 6201Classroom
	568	Smart Manufacturing in the Era of Industry 4.0: Role of Digital Twins and Advanced Analytics	
	993	Harnessing Machine Learning To Elevate DDoS Detection Capabilities in IoT Environment	
	1067	NeuroClear: A Novel Explainable AI Framework for Sustainable Water Quality Intelligence and Adaptive Management	
	1133	Data-Driven Insights into Semiconductor Yield And CPU/GPU Performance Trends	
Track 07 : Internet of Things and Computer Networks	806	rainmaker-rs: A Cross-Platform Rust Implementation of RainMaker for ESP and Linux Devices	Building No.6, 2nd Floor, 6202Classroom
	532	Optimised Cooling Mechanism for Small-Scale Crypto Mining Rigs: An IoT-Based Approach	
	945	Internet of Things (IoT) and Smart Systems: Innovations in Agriculture, Energy, and Urban Infrastructure	
	1163	Efficient Grape Diseases Classification Using an Optimized MobileNetV2 with Special Attention block	
	572	Real-time Performance Analysis of XPON Systems	
Track 07 : Internet of Things and Computer Networks	1135	Data-driven Multi-Spectral Imaging Techniques for Quality Assessment in Fruits and Vegetables	Building No.6, 2nd Floor, 6204Classroom
	273	Real Time Sensing Methodology for Soil using IoT	
	1201	AI-Driven Cloud Resource Optimization: An In-Depth Analysis	
	732	Smart Aquaculture: IoT-Driven Submersible Drones for Enhanced Prawn Production!® A Comprehensive Review	
Track VIII : Computer Vision & ARVR	1050	Enhancing Crowd Counting in Varying Light Conditions with Deep Learning-Based Density Estimation	Building No.6, 2nd Floor, 6205 Classroom
	885	Multilingual Signature Verification Using Deep Learning: A Three-Phase Modular Approach	
	599	From Signs to Speech: An End-to-End Conversational Platform for Deaf and Mute Individuals Using GRU and LLM Integration	
	539	AI-Driven Optical Intelligence for Modern Warfare Command and Control	
Track VIII : Computer Vision & ARVR	1052	Advanced face reconstruction and obstruction removal using deep learning	Building No.6, 3rd Floor, 6301 Classroom
	881	Emotion Detection of Patients Using Generative Adversarial Network and Machine Vision	
	1079	AI-Driven Crop Disease Prediction Using the McCulloch-Pitts Neuron Model	
	26	Enhancing Text-Specific Impainting Using Diffusion Models and OCR	
	1154	Evaluating Deep and Traditional Approaches for Sentiment Classification	
Track VIII : Computer Vision & ARVR	646	GuardNet: An Efficient Deep Learning Approach for Real-Time Public Safety via Violence Recognition	Building No.6, 3rd Floor, 6302 Classroom
	57	57: Leveraging Natural Language Processing for Real-Time and Accurate Speech-to-Sign Language Translation	
	1171	Sustainable Fertilizer Management Using Random Forest and Agricultural Data Analysis	
	887	Predictive Modeling of Prakriti Tridosha using Machine Learning & Computer Vision	
	469	Image Compression Using Deep Learning and SUC Algorithm with Extended Survey	